Halogenation of Polypropylene, II, by Shu Kambara, Takao Chahika, 21 pp.

JAPANESK, por, Kosyo Kasaku Zacabi, Vol LXII, No 11, 1959, pp 12781-1785.

SLA 60-16673

Sci. Vol. IV, No 7 Apr 62 192, 730

Preparation and Polymerization of a-(2-Cyanocthyl)-Acrylonitrile, by Makoto Tanaka, Seiji Asai, Shimpei Takeya, 12 pp.

JAPANESE, per, Kogyo Kagaku Zasahi, Vol IXII, No 11, 1959, pp 1786-1788.

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Sci

Apr 61.

146,192

Recettions Between Diphonyldichlorosilene and Some Enorganic Compounds, by T. Takiguchi, 6 pp.

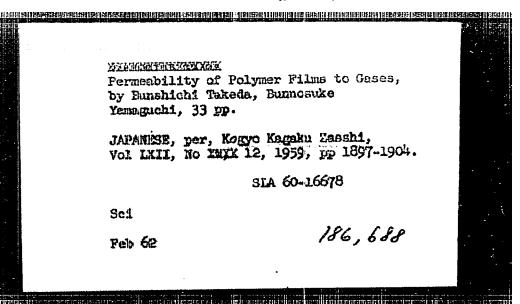
JAPANESE, per, Kogyo Kagaku Zasshi, Vol IXII, no 12, 1959, pp 1875-1876.

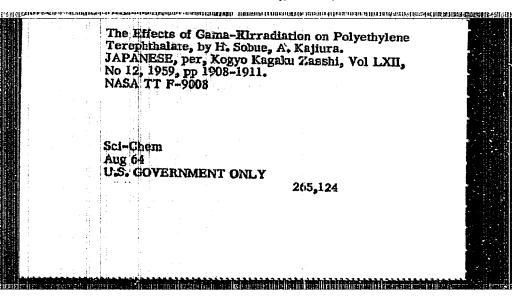
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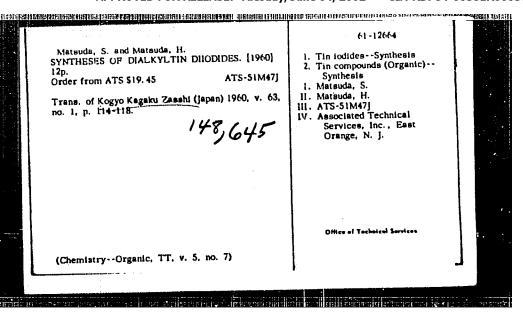
Sci Vol IV, Ho 11 Jun 62

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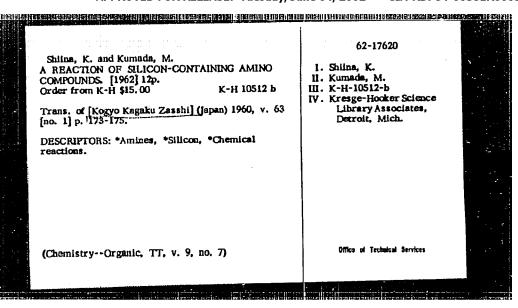
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APPROVED FOR RELEASE: Tuesday, June 04, 2002

Thermal Degradation of PolytrifixLucrochloroethylene in Air, by Takaomi Satokawa, Yuteka Komentani, Tatsuo Susyoshio, 19 pp.

JAPANESH, per, Kogyo Kagaku Zasahi, Vol LXIXI, No 1, 1960, pp 178-183.

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SLA 60-16674 192,648

VOL IV, NO 7

Apr 62

APPROVED FOR RELEASE: Tuesday, June 04, 2002

Epocydation Reactsion of Dehydrochlorinated Folyvinyl Chloride, by Klichi Tekesoto, ll pp.

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JAPANESE, por, Kogyo Kagaku Zeschi. Vol. LXXII, No 1, 1960, pp 186-188.

BLA 60-16671

Soft Vol. IV, No 5 Mar 62

188,445

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-R

Homogenous System Reaction Between Polyvinyl Alcohol and Acrylamide, by Heibstiro Ito, 19 pp.

JAPANESE, per, Kogyo Kagaku Zasabi, Vol LXIII, No 2, 1960, pp 338-341.

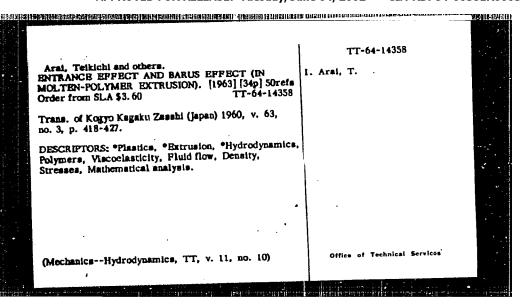
BLA 61-10007

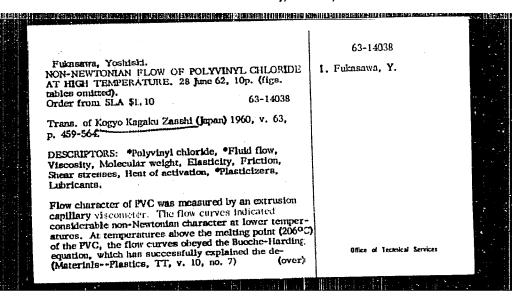
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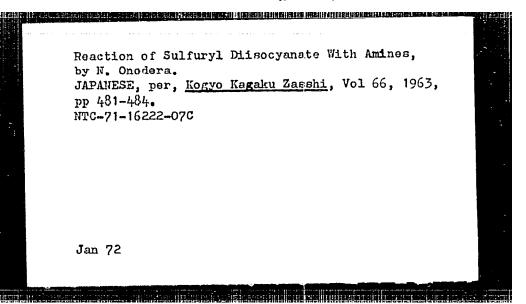
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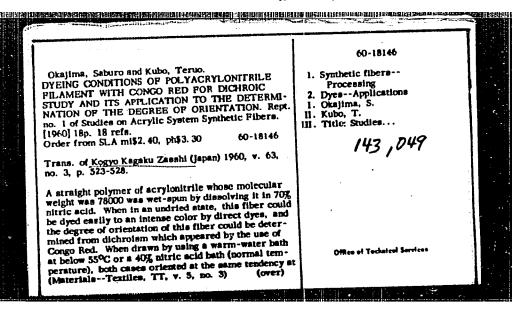
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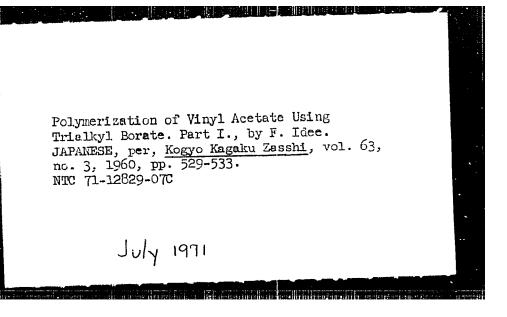








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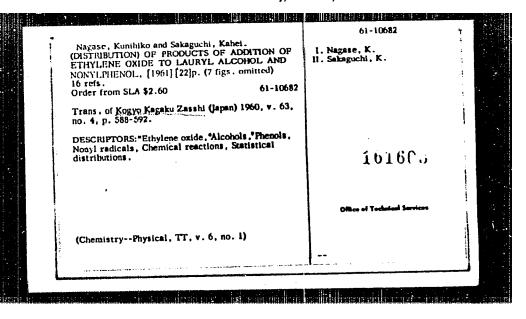


E CHARLES CHILDREN CONTRACTOR

Polymerization of Vinyl Acetate Using Trialkylborates. Part II. Reaction Velocity of the First Stage of Plymerization of Vinyl Acetate Using a Tributylborate Catalyst, by F. Ide.

JAPANESE, per, Kogyo Kagaku Zasshi, vol. 63, no. 3, 1960, pp. 533-536.

NTC 71-12830-07C



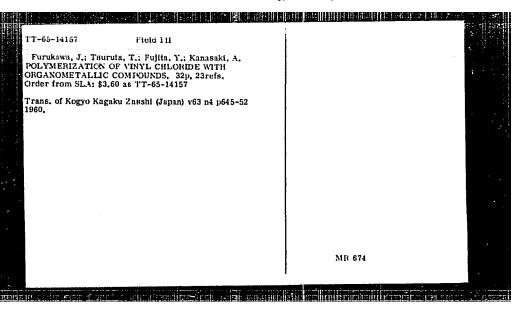
Indirect Coulcastric Titration of Reducible #6 Organic Compounds by Produced Caric Ion, by Takeo Takabashi, Hiroshi Sakurai, 15 pp.

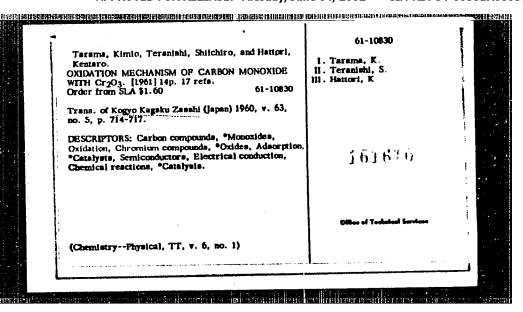
JAPANESE, per, Kogyo Kagaku Zanahi, Vol IXIII, 1960, pp 608-621.

AEC UCRL-Prans-635(L)

Soi - Chem May 61.

150,378





Synthesis of Maleic Anhydride by the Catalytic Oxidation of Ch Hydrocarbons With Air, by M. Matsumoto, T. Thawa, N. Magasako, 8 pp.

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JAPANESE, per, Kogyo Kegaku Zasahi, Vol LEIII,

ATS-69Mb43

203,217

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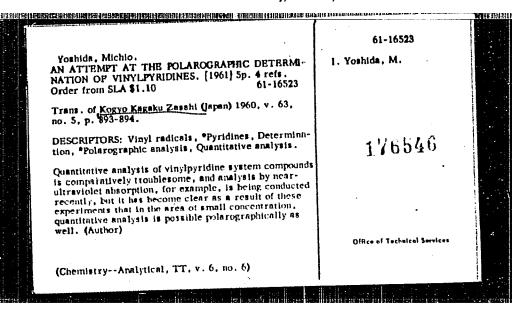
Fujimoto, Teruo, Inoue, Yukio, and Kobatake, Yonosuke.

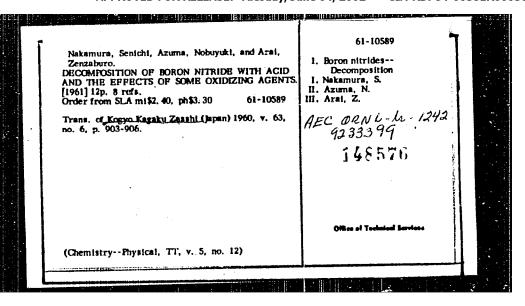
CORRELATION OF INTERNAL STRUCTURE OF HIGH POLYMER FILMS WITH THEIR PHYSICAL PROPERTIES. [1960] 13p. 5 refs.
Order from SLA mis2.40, ph\$3.30 61-10272

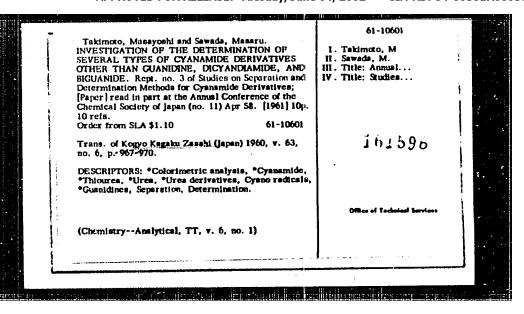
Trans. of Kogyo Kagaku Zasshi (japan) 1960, v. 63, no. 5, p. 851-854.

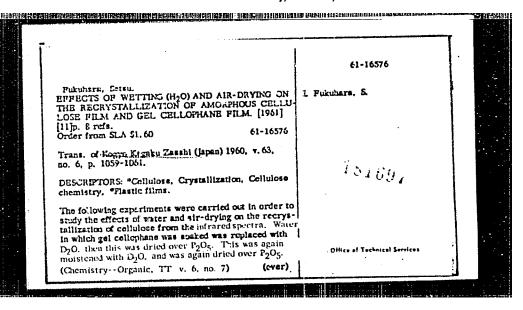
(Chemistry--Organic, TT, v. 5, no. 2)

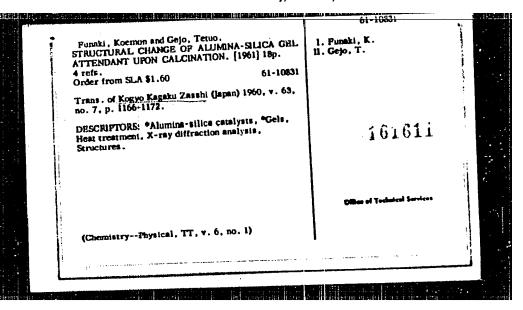
APPROVED FOR RELEASE: Tuesday, June 04, 2002

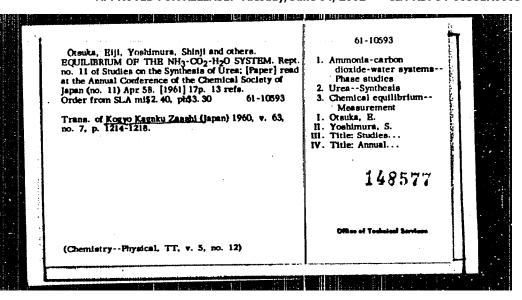


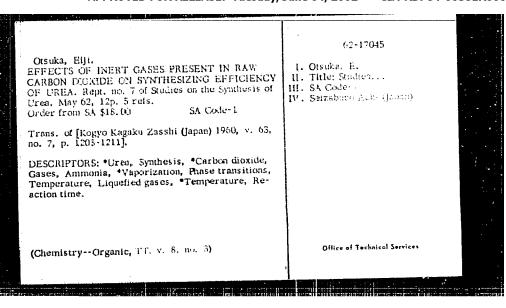












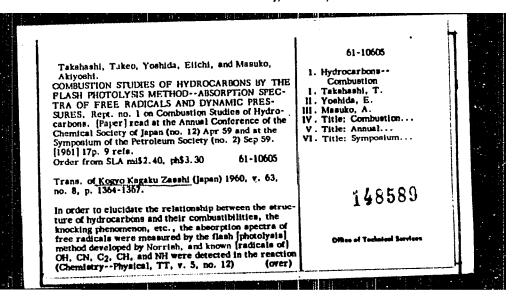
Mural, K., Akazeme, G., and Murakami, Y.

STUDIES ON THE FORMATION OF PERACETIC ACID.
Paper no. 6 on Study of Epoxy Fatty-Acid Esters.
[1962! [13]p. (foreign text included) 4 refs.
Order from SLA \$1.60

Trans. of Kogyo Kagaku Zasshi (japan) 1960, v. 63, no. 7, p. 1233-1235.

DESCRIFTORS: *Epoxides, *Patty acid esters,
*Acetic acids, Synthesis, Chemical equilibrium, Catalysts.

Some studies are made on the synthesis of peracetic acid from hydrogen peroxide and acetic acid. The equilibrium constant for peracetic acid formation at 25-42°C. is found to be K = 3.26. The equilibrium constant for the reverse reaction is in close agreement. The apparent activation energy of 11, 7 k cal/mole is obtained for peracetic acid formation in presence of (Chemistry--Organic, TT, v. 9, no. 2) (over)



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Yamamoto, K., Morita, Y. and others.
REACTION BETWEHN KEROSINE AND STEAM IN
THE PRESENCE OF MULTICOMPONENT CATALYSTS.
[1962] 11p.
Order from ATS \$19.75

ATS-67P64]

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63, no. 8, p. 1372-1376.

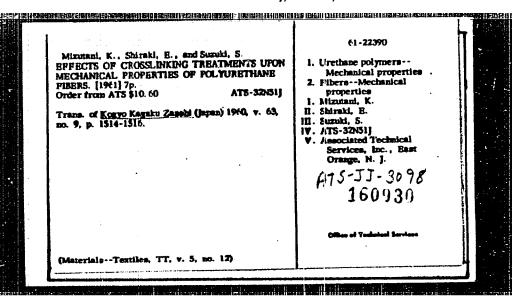
DESCRIPTORS: *Kerosene, *Steam, Chemical reactions, *Catalysts.

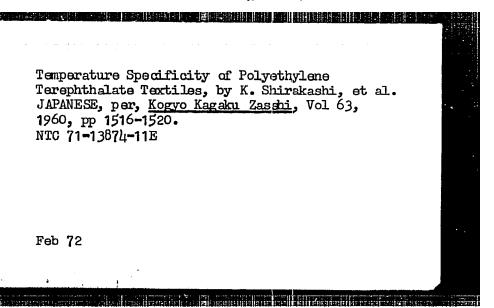
SLA (CCAN) 7T-63-20475 (254)

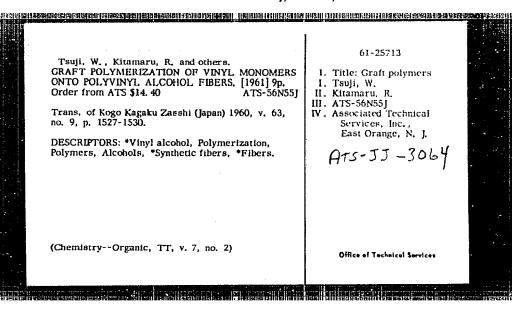
(Chemistry--Physical, TT, v. 9, no. 2)

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APPROVED FOR RELEASE: Tuesday, June 04, 2002







Studies on souvers are recorded or imprograms defeat. 4. Bacasposition of Extracted Mitric And on Mil Entraction of Unanyl Hitrate by THE (Tributy) Phosphate), by Tailchi Sato, Totaro Coto, 6 pp.

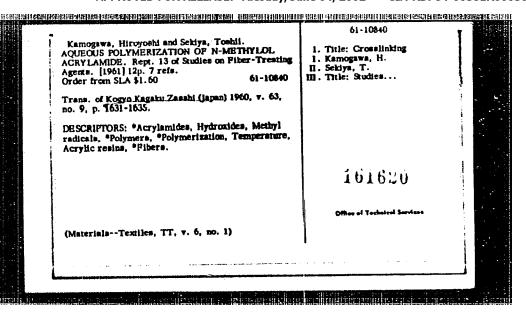
र्गा देवा है जा किस्ता के क्षेत्र के किस के किस के किस के किस के किस के किस किस के किस के किस के किस किस किस क

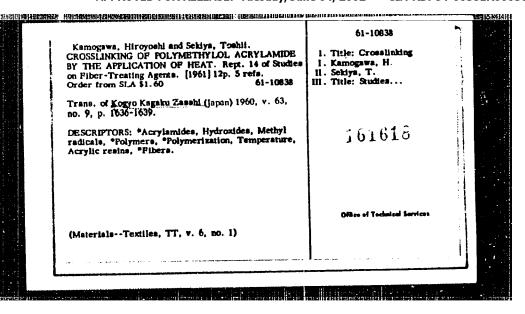
JAPANEHR, per, <u>Konyo Kanyan Zeeshi</u>, Vol LATEL No 9, 1960, pp 1586-1587. 9092283

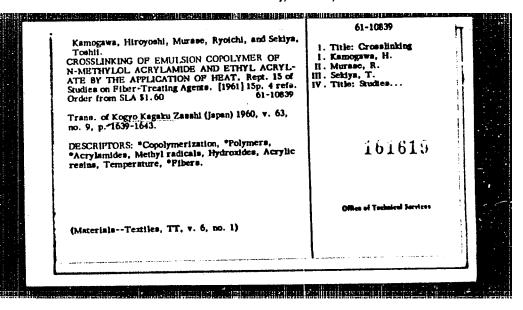
AEC Tr-4805

172, 420

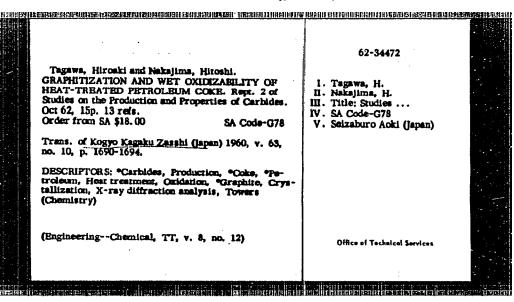
Sei - Chem Nov 61.



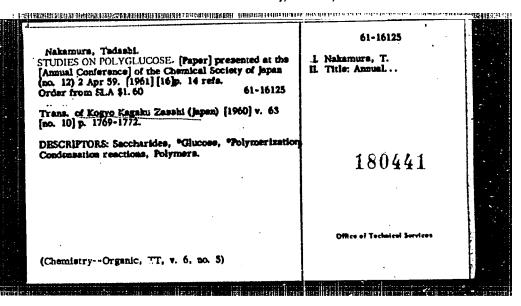


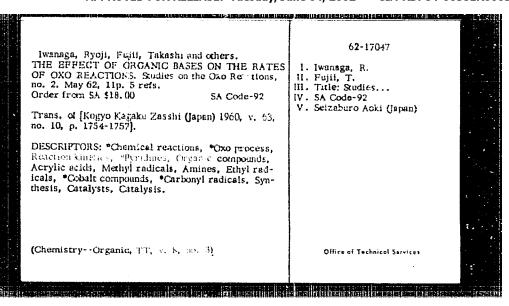


Stabilizing Effect of Epoxidized PVC, by
Y. Fujikake.
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 63,
1960, pp 1669NTC-71-16211-11I



APPROVED FOR RELEASE: Tuesday, June 04, 2002



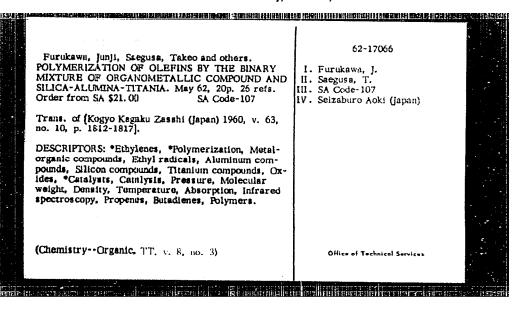


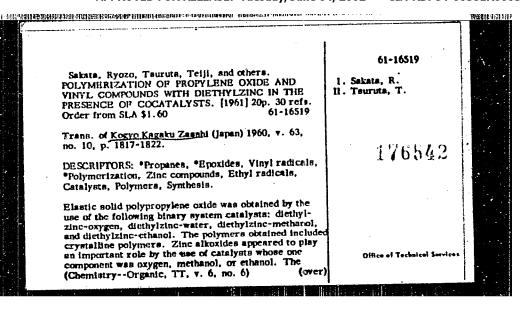
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Studies of Formaldehyde Resins. Part 52. Kinetic Studies of the Reactions of 2,4-dimethylbenzyl Alchal and Ris-(2,4-dimethylbensyl) Ether with Aliphatic Acids, by M. Imoto. JAPANESE, per, Kogyo Kagaku Zasshi, Vol 63, No 10, 1960, pp 1807-1811. ATS-JS-176

Sci-Chem

403,855





APPROVED FOR RELEASE: Tuesday, June 04, 2002

Kinetic Investigation of the Reaction Between Aromatic Diisocyanate and Polyols, by T. Yokoyama.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 63, 1960, pp 1835-1839.

NTC-71-15512-07C

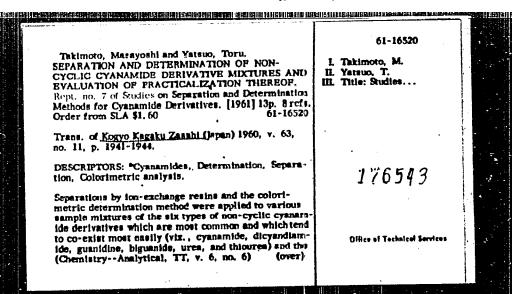
Feb 72

Matsuda, Y. and Tunaka, A.
HIGH POLYMERS AS FUEL BINDERS. [1961] 15p.
Order from ATS \$21.60

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63, no. 11, p. 1609-1875.

DESCRIPTORS: *Binders, Fuels, *Polymers.

(Materials--Puels, TT, v. 6, no. 3)



APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-

Yamamoto, Ken'ichi, Morita, Yoshiro, Kurate,
Tabashi, Yoshitoni, Soshiko.
REACTION CF PURE C₂-HYDROCARBON ON WATER
VAPOR. Pt. 2 of Reaction of Petroleum on Water Vapor.
[1963] 25p (figs omitted) 13refs
Order from SLA \$2,60 TT-63-20358

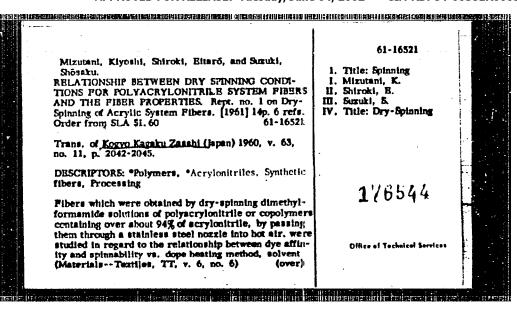
Trans. of Kogyo Kapahu Zasahi (Japan) 1960, v. 63
[no. 11] p. 1943-1949. (Abstract available)

DESCRIPTOPS: "Petroleum, Hydrocarbons, "Hexenes, "Cyclobensuses, "Benzenes, Chemical reactions, "Cyclobensuses, "Benzenes, Chemical reactions, "Reaction of C₆-hydrocarbon on water vapor, Heat of reaction, Finels, Gases.

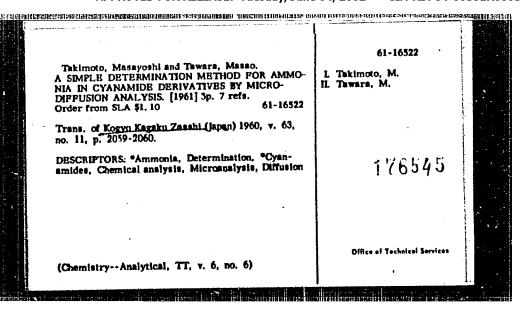
Reaction of C₆-hydrocarbon on water vapor becomes prominent above 800°C and the catalyzer on basic carrier is agree to receive the influence of catalytic temperature. Reaction without catalyzer requires (Clasmistry--Organic, TT, v. 11, no. 5) (over)

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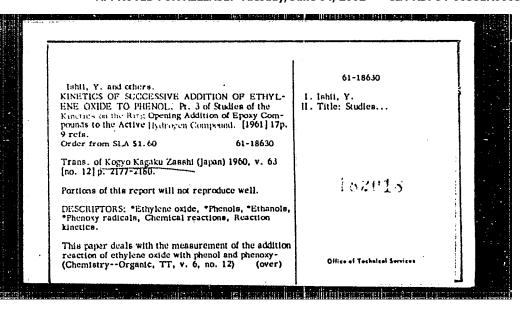
Toshkomi, Sushiko, Morina, Yoshiro, and Yamamoto, Kanichi.

REACTION OF PURE HYDROCARBONS AND STEAM.
Pt. 3 of Resction of Petroleum [on Water Vapor].
[1963] 32p ilress
Order from SLA \$3,60 63-20476

Trans. of [Kagyo Kagaha Zasahi (hpan) 1960, v. 63, no. 12, p. 1134-2140].

DESCRIPTURS: "Steam, "Hydrocarbons, "Catalysts, "Patroleum, Reaction kinetics, Pyrolysis, Statistical data.

There was found difference between the reactions of hydrocarbons and speam with neutral and basic catarlysts, and neutral catalysts aboved a better catalytic effect. As for the composition of gaseous product h, the case of neutral catalysts, the sum of hydrogen and carbon motionide amounted to 80-90% and it was not (Chemistry--Physical, TT, v. 10, no. 12) (over)



Anomalies in Infrared Absorption Spectra by
the Alkali Halide Disk Technique,
by O. Makaso, H. Ito, 10 pp.
FOR OFFICIAL USERONLY
JAPANHSE, per, Nipon Kagaku Zasshi, Vol LXXXI,
1960, pp 685-688. 9697643
ESTC-381-T65-231

Sci - Phys
Jul 65

284,238

Dosage du Chrome dans les Aciers Inoxydables par la Methode d'Analyse par Fluorescence aux Rayons X, by K. Mcmogi, 27 pp.

FRENCH TO JAPANESE, per, Kogyo Kagaku Zasshi, Vol VIA, No 1, 1961, pp 98-109. 9089596

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Aug 62

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Kaji, Keiji.
META-STABILITY OF GYPSUM SEMIHYDRATE IN
MIXED ACIDS (H₃PO₄, H₂SO₄). Rept. no. 5 of
Studies on the Preparation of Phosphoric Acid Solution
by the Wet System. [1961] 22p. 5 refs.
Order from SLA \$2.60 61-18681

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64, no. 1, p. 123-128.

Portions of this report will not reproduce well.

DESCRIPTORS: Acids, *Sulfuric acid, *Phosphoric acids, Solutions, Preparation, *Gypsum, *Hydrates, Stability, Measurement, Chemical reactions.

The meta-stability of gypsum semihydrate in mixed acids (H3PO4, H2SO4) of various concentrations was measured and the relationship between this meta-stability and the reaction conditions of phosphoric acid preparation by the wet method was studied.

61-18681

1. Kaji, K.
II. Title: Studies...

(Chemistry--Inorganic, TT, v. 7, no. 1) Office of Technical Services

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA-RDP84-00581R000301080011-4

Titanium-Todine System, by Koyuenon Funaki, Tokataro Uchimura, et al, 20 pp.

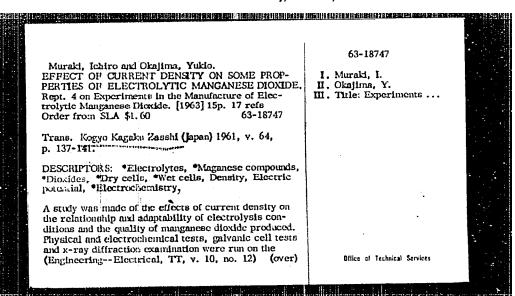
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JAPANESE, per, Kogyo Kagaku Zasshi, Vol LXIV, 129-287 pp, 1961.

AEC-tr-6007

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GRAFT COPOLYMERIZATION OF METHYL METHACRYLATE ON CELLULOSE. [1961] 20p. 6 refs.
Order from SLA \$1.60 61-16540 1. Title: Graft polymers l. lde, F. II. Takayama, Y. Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64, no. 1, p. 213-218. ATS- 55-3103 DESCRIPTORS: *Cellulose, *Acrylic resins, *Copolymerization, Polymers, Cellulose chemistry. 176550 The ammonium sait of cerium nitrate was used as The ammonium sair of certum nitrate was used as catalyst and methyl methacrylate was polymerized in the presence of cellulose. The effects of polymerization time, polymerization temperature, catalyst concentration, monomer concentration, and nitric acid concentration as factors which affect the polymerization were studied. The polymerization yield was proportional to the polymerization time, polymerization temperature, and nitric acid concentration, but was inversely propor-(Chemistry--Organic, TT, v. 6, no. 6) (over Office of Yechnical Survices Na Lásiana kin a shriitisin an lician

APPROVED FOR RELEASE: Tuesday, June 04, 2002

Syntheses of Polyvinylthiophenols, by Makoto Okawara, Yoshio Onishi, Eiji Knoto.

MAPAREES, per, Kogyo Kagaku Zusshi, Vol IXIV, No 1, 1961, pp 226-228.

81A 61-18676

Sci Mar 62

Vol VII, No 2

189,555

Synthesis of Polymer Thiols Containing Vicinal Sh Groups, by Makoto, Okmwara, Elichi Haruki, et al., 12 pp.

JAPAHRHE, per, Kogyo Kagaku Zasshi, Vol LXIV, Ho l, 1961, pp 229-831.

SLA 61-18678

Sod. Vol. VII., No 3

188,101

Characteristic Properties of a Lead Storage Battery Upon Use of a Phosphoric Acid Anode Paste, by T. Ishikawa.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, 1961, pp 264-266.

NTC-71-12078-07D

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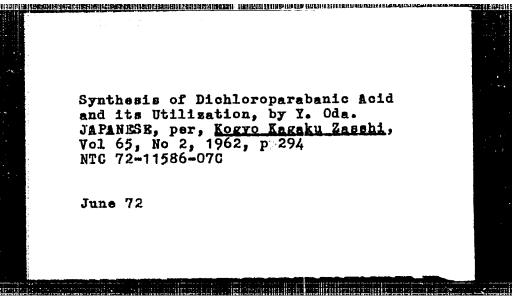
Nov 71

A Study on the Reducing Reaction of Titanium Tecrachloride to Titanium Trichloride, by T. Ishino.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, 1961, pp 1344-1347.

NTC 71-15651-07B

Mar 72



Moisture Absorption of a Few Kinds of Polymers, by S. Chujo.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 67, 1964, pp 343-348.

NTC-71-12492-07D

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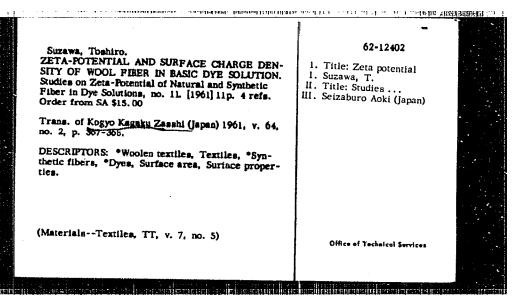
The Polymerization of N-Acryloyl Acrylamide, by Y. Miyake.

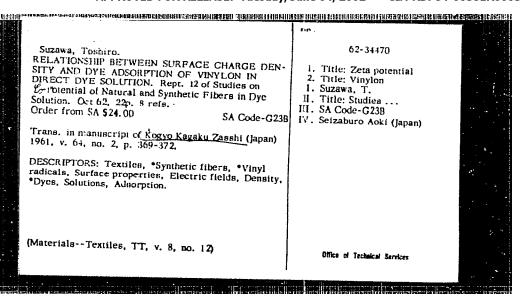
JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, 1961, pp 359-361.

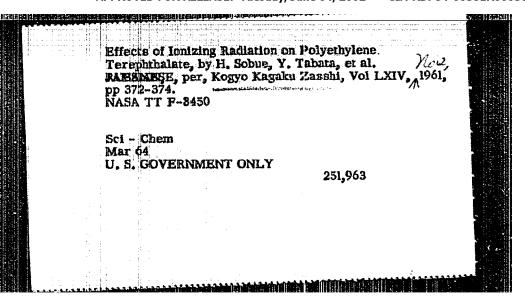
NTC-71-11695-07C

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Feb 72







Sobue, Hiroshi, Tahara, Yoneho, and Oda, Eisuke.
RADIATION-INDUCED POLYMERIZATION OF METHACRYLONITRILE. Oct 62, 6p. (figs. omitted) 3 refs.
Order from SA \$15.00 SA Code-G284

Trans. of Kogyo Kagaku Zasshi (japan) 1961, v. 64,
no. 2, p. 378-379.

DESCRIPTORS: *Acrylonitriles, Polymerization, *Radiation effect, Inhibition, Viscosity, Infrared spectroscopy.

(Materials--Flastics, TT, v. 8, no. 12)

Office of Technical Services

Nakamura, Y.
DIPPERENTIAL THERMAL ANALYSIS OF PHENOLFORMALDEHYDE RESINS. [1963] &p
Order from ATS \$9.85

ATS-26Q73]
Trans. of Kogyo Kagaku Zasahi (Japan) 1961, v. 64,
no. 2, p. 392-393.

DESCRIPTORS: *Phenol-formaldehyde resins,
Calorimetry.

(Materials--Plastics, TT, v. 11, no. 4)

Office of Technical Services

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Tanaka, Hisao.
THE EFFECT OF OXYGEN ON THE GRIATION OF UNSATURATED POLYESTER RESIN. Oct 62, 7p. (figs. omitted) 2 refs.
Order from SA \$15.00 SA Code-G290
Trans. of Kosyn Kagaku Zasahi (Japan) 1961, v. 64, no. 2, p. 396-398.

DESCRIPTORS: *Esters, Polymers, Resins, *Syrenes, *Gels, Oxygen, Preservation, Carbon dioxide, Rare gases.

(Materials--Plastics, TT, v. 8, no. 12)

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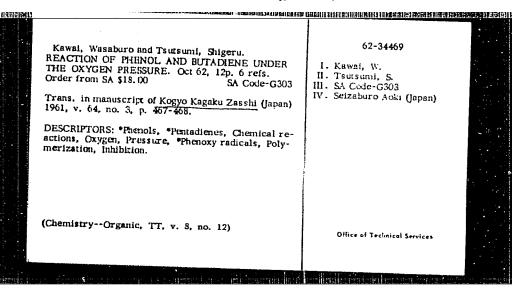
Curing Reaction of Epoxy Resin with Amine Hardener, by T. Kakusai, T. Noguchi.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, 1961, pp 398-404.

NTC 69-11293-111

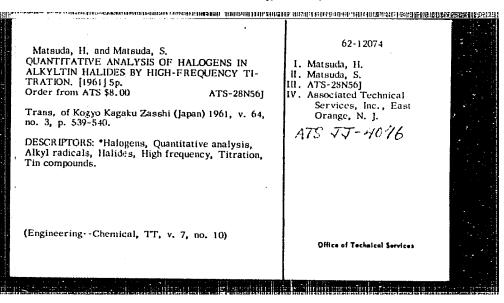
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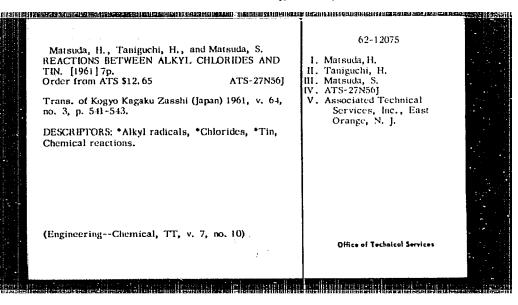
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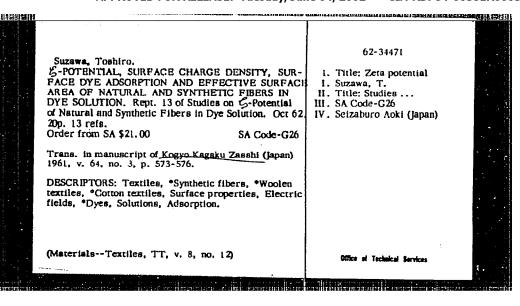


Concentration of Sea Water by the Gas Hydrate Method. Report No II. Phase Equilibrium of Dichlorodifluormethane and Monochlorodifluoromethane Hydrates, by M. Hashizume JAPANESE, per, Kogyo Kagaku Zasshi, Vol 67, 1964, pp 518-523 NTC 71-15101-07C

mar 72







Separation of Polyethylene Glycol From the Nonicolo (Surface) Active Agent by the Method of Counter-Current Distribution Extraction, by Kinihiko Magase, Mahei Sakaguchi, 11 pp.

JAPANIESE, per, Kogyo Kogaku Zasahi, Vol LXIV, I No 4, 1961, pp 635-638.

I SLA 61-20681

Sci Mar 62 Vol VII, No 3

188,095

Chromatographic Behavior of Condensed Polymanuclear Hydrocarbons, by T. Ragai, E. Funakubo, 25pp, 22.85.

ENAMES OF THE OWNER OF THE PROPERTY OF THE PRO

JAPANESE, per, Kogyo Kagaku Zesshi, Vol LXIV, Ho 4, 1961, pp 543-553.

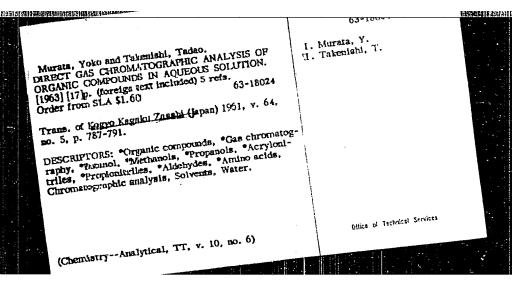
ATS JJ-3976 ATS-04P65J

Sei-Chem Dec 63

244,864

Parabanic Acid-formaldehtde Resins, by R. Oda,
R. Baba.
JAPANESE, per, Kogyo Kagaku Zasuhi, Vol. 64,
No 4, 1941, pp 741-742.
ATS-JS-175

Sci-Chem
Mar 70 403,854



Kashima, Kan and Osada, Takeshi.
HIGH PRESSURE HYDROCRACKING OF LIGNIN.
Rept. 1 of A Study of the High Pressure Hydrocracking
of Lignin. [1962] 10p. (figs. tables omitted) 4 refs.
Order from SLA \$1.10 62-20254

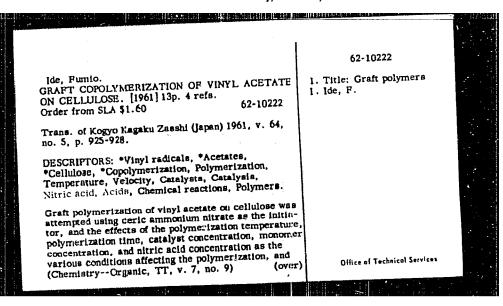
Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 5, p. 916-919.

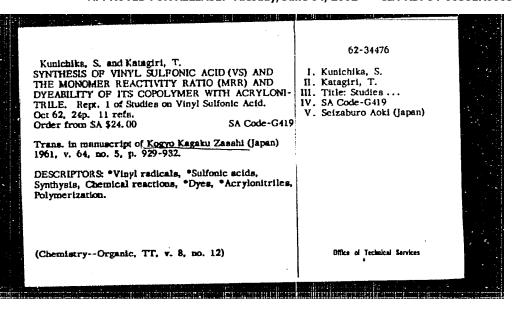
DESCRIPTORS: High pressure research, *Crazing,
*Sulfate pulp, Chemical waste, *Lignin.

The best conditions for manufacturing samples suitable
for hydrocracking from the sulfite pulp waste liquor
were sought. High pressure hydrocracking was carried
out by using these samples and employing phenol,
cyclohexanol, tetralin as the solvents, and the reaction
conditions, material balance and the composition of the
oils produced were examined. Among the oils produced,
(Chemistry--Organic, TT, v. 9, no. 9) (over)

APPROVED FOR RELEASE: Tuesday, June 04, 2002 CIA

CIA-RDP84-00581R000301080011-4





Effects of Water-Soluble Rust Preventives on Mild Steel in Aquecus Solutions, by 8. Sato, Y. Kato, A. Kawai.

FEDIET ELLER VERFAREN ELLE VEREZ FOR ELLE FINANCIER MERCHANNEL FOR UNIVERSITATION DE L'ARTING FOR DES ENTRA DE LE RESPONDANCION DE L'ARTING DE

JAPARESE, per, Kogyo Kagaku Zasshi, Vol LXIV, 1961, pp 1013-1017.

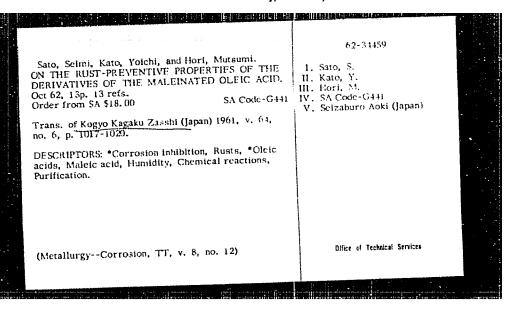
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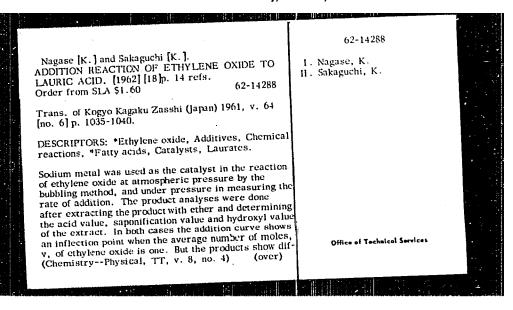


Nagase, K. and Sakaguchi, K.
ETHYLENE OXIDE ADDITION REACTIONS TO
LAURYL AMINE. [1962] [16]p. 11 refs.
Order from SLA \$1.60 . 62-14289

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64
[no. 6] p. 1031-1034.

DESCRIPTORS: *Ethylene oxide, Catalysts, Chemical reactions, *Amines, Additives, Polymerization.

The addition of ethylene oxide to lauryl amine can be divided into two reaction types depending on the kind of catalyst used. One is the acid catalized reaction (A.C. type), and the other is the base catalized reaction (B.C. type). When the average number of moles, v, of ethylene oxide is less than two, both reactions can be clearly classified into these two types. These reactions were studied in order to investigate the reaction mechanism by examining the relationship of the (Chemistry--Physical, TT, v. 8, no. 3) (over)

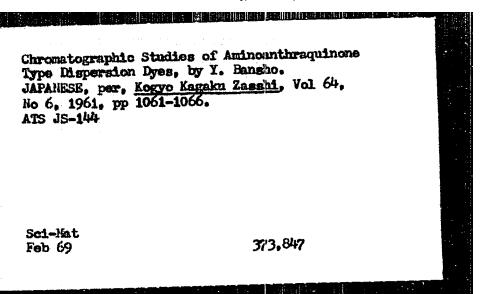


Nagase, K. and Sakaguchi, K.
ADDITION REACTIONS OF ETHYLENE OXIDE
UNDER PRESSURE. [1962] [15]p. 7 refs.
Order from SLA \$1.60 62-14287

Trans. of Kogyo Kagaku Zasahi (Japan) 1961, v. 64
[no. 6] p. 1043-1047.

DESCRIPTORS: *Bithylene oxide, Additives, Chemical reactions, Pressure, Temperature, Catalysts,
Polymerization, Solubility.

Ethylene oxide was added to lauryl alcohol and nonyl phenol under pressure (gauge pressure 1.5, 5.0 and 10.0 kg/cm²) at temperatures 100°, 125°, 150° and 175°C and catalyst concentration 0.25 to 2.0 mole percent. The addition reaction curves, the rates and the distribution of the degree of polymerization were investigated. The addition curve is a straight line corresponding to the reaction time in the case of (Chemistry--Physical, TT, v. 8, no. 3) (over)



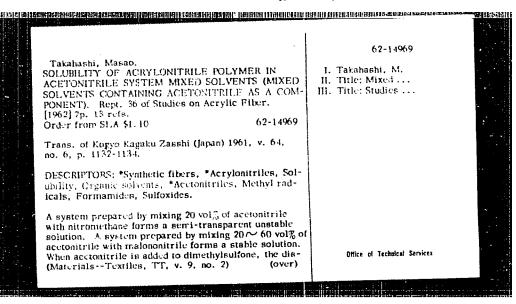
Takehashi, Maseo.
INVESTIGATION OF THE SIGNIFICANCE OF ALCOHOL SYSTEM SPINNING BATHS IN THE WET SPINNING OF ACRYLCHITRILE FIBER (COMPARISON OF VARIOUS ALCOHOLS FOR THE COAGULATING BATH IN WET SPINNING). Rept. 25 of Studies on Acrylic Fiber. [1962] 8p. 1 ref.
Order from SLA 51.10 62-14968

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64, no. 6, p. 1730-1132.

DESCRIPTORS: "Synthetic fibers, "Acrylonitriles, Manufacturing methods, "Alcohols, Coagulation, Organic solvents, Methyl radicals, Formamides, Sulfoxides.

States of fiber formation when concentrated dimethyl formamide or dimethyl sulfoxide solutions of acryloni (Materials—Textiles, TT, v. 9, no. 2) (over)

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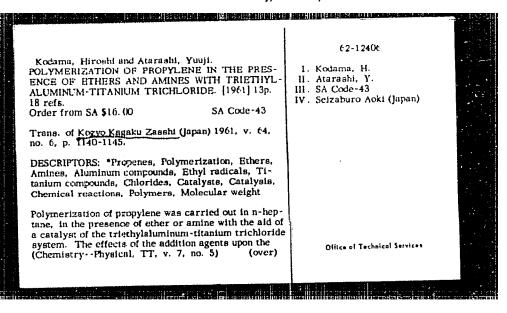


Takahashi, Masao.
SOLUTION TEMPERATURE OF VARIOUS MIXED
SOLVENTS TOWARD ACRYLONITRILE POLYMER.
Rept. no. 37 of studies on Acrylic Fiber. [1962] 10p.
20 refs.
Order from SLA \$1.10 62-14965

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64,
no. 6, p. 1134-1136.

DESCRIPTIONS: Polymers, *Acrylonitriles, Organic
solvents, Mixtures, *Methanes, Nitro radicals, *Formamides, Methyl radicals, Nitriles, Maleic anhydride,
Succinic anhydrides, Pyrolidinone, Sulfoxides, DNP,
Nitrophenols, Acetones.

Polymer solutions which are stable at normal temperature are formed by the addition of about 20 vol% of
malononitrile or dimethyl sulfoxide to nitromethane.
Compounds which demonstrate some slight interaction
(Materials--Plastics, TT, v. 9, no. 4) (over)



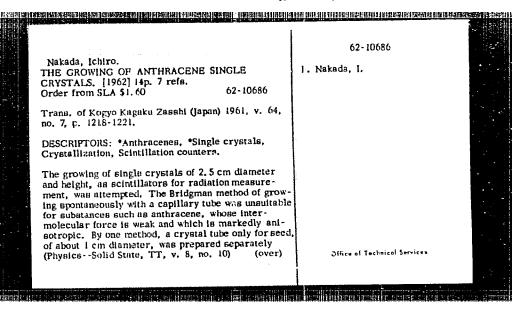
Studies of Addition Reaction of Ethylene Oxide. Part VII. By-Products in Addition Reaction of Ethylene Oxide, by K. Nagase.

JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, 1961, pp 1199-1203.

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Hydrolysis of Titanium Sulfate Solution, by N. Sakai, K. Yoshikawa, M. Suzuki, S. Kobashi. JAPANESE, per, Kogyo Kagaku Zasshi, Vol 64, No 4, 1961, pp. 613-18 NTC 69-10683-07B

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